



HIGH PERFORMANCE VpCI® PACKAGING

VpCI®-148 Paper

Grease Resistant Corrosion Inhibiting Paper



DESCRIPTION

Cortec VpCI-148 is a new and improved grease resistant corrosion inhibiting paper. In addition to its excellent corrosion inhibiting properties, VpCI-148 also provides resistance to greases, oils, and solvents. Unlike wax or polycoated papers, which contribute to environmental problems, VpCI-148 contains a biobased coating and is fully recyclable/repulable.

Cortec VpCI-148 paper is made from neutral, natural Kraft paper. In addition, VpCI-148 is also fluorochemical free providing an environmentally friendly alternative to traditional grease resistant papers.

FEATURES

- Provides grease, oil, and solvent resistance
- Oil is not absorbed on the paper but is left captive on the metal surface
- Does not create a hazardous waste like typical waxed, grease-resistant papers
- Protects ferrous and non-ferrous metals
- Comprised of biobased materials
- Free of fluorochemicals, nitrites, phosphates, silicones, chromates, and other heavy metals
- Fully recyclable, repulable
- 3M kit rating of 9
- Protects dry or oiled metals during storage, transit, and overseas shipments from humidity, SO₂, H₂S and galvanic corrosion from dissimilar metals

TYPICAL APPLICATIONS

Cortec VpCI-148 paper can be used to protect products for storage and shipment that require lubrication (such as bearing and metal parts) in a variety of ways:

- Single item packaging or interleaving
- Sheet liners or separators between products
- Metalworking: stamping, sheet metal work, springs, bearings, fasteners, tube, pipe, nails, etc.
- Finished products: engines, machinery, equipment, tools, hardware, appliances, instruments, motors, etc.
- Metal forging and die casting: raw and machined forgings and castings.

METHOD OF APPLICATION

Place the glossy grease resistant side out and wrap parts in the green tinted side, which contains the corrosion inhibitor, as close to the surface of the product as practical; leaving little to no barrier between the paper and metal surface. Use approximately 1 ft² of VpCI paper for each 3ft² of surface to be protected; and 1 ft² of VpCI paper for every 0.5 ft³ of void space.

METALS PROTECTED

- Carbon Steel
- Stainless Steel
- Galvanized Steel
- Cast Iron
- Aluminum Alloys
- Copper
- Brass (≤ 30% Zn)
- Solder

PACKAGING

Available in custom sizes and constructions.



PHYSICAL PROPERTIES

Property	Test Method	Unit	Cortec VpCI-148	Polycoated Paper
Basis Weight	TAPPI T-410	lbs/3000 ft ² (g/m ²)	40 65.1	40 65.1
Caliper	TAPPI T-411	mil (mm)	5.30 (0.1346)	4.46 (0.1133)
Tear-MD	ASTM D 1922-94A	grams force	101.33	84.27
Tear-CD	ASTM D 1922-94A	grams force	102.40	120.53
Load @ Break	ASTM 882	pounds force	17.3	19.3
Elongation @ Break	ASTM 882	inches	0.22	0.33
% Elongation @ Break	ASTM 882	%	11.15	16.55
Tensile Strength @ Break	ASTM 882	psi	3424	3771
Impact Strength	ASTM D 3420-95B	Joules	0.15	0.21
Grease Resistance	TAPPI T-454	seconds	1800+	1800+
Grease Resistance	TAPPI UM-557	Kit Rating	9	9

**FOR INDUSTRIAL USE ONLY,
KEEP OUT OF REACH OF CHILDREN
KEEP CONTAINER TIGHTLY CLOSED
NOT FOR INTERNAL CONSUMPTION
CONSULT MATERIAL SAFETY DATA SHEET FOR MORE INFORMATION**

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